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PTO/SB/21 (08-03)

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**TRANSMITTAL  
FORM***(to be used for all correspondence after initial filing)*

<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	<b>Application Number</b>	10/824,270	
	<b>Filing Date</b>	April 14, 2004	
	<b>First Named Inventor</b>	James Thomas Doyle et al.	
	<b>Group Art Unit</b>	2818	
	<b>Examiner Name</b>	Tran, Long K.	
<b>Total Number of Pages in This Submission</b>	14	<b>Attorney Docket Number</b>	100-19410 (P05247-D01)

**ENCLOSURES (check all that apply)**

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Response <input type="checkbox"/> After Final (Response) <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Inquiry <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <b>Return Receipt Postcard Certificate of Mailing</b>
<b>Remarks</b>		<b>Please charge any necessary fees or credit overpayment to Deposit Account No. 502305. A duplicate copy of this transmittal is attached for this purpose.</b>

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<b>Firm or Individual name</b>	Mark C. Pickering, Reg. No. 36,239
<b>Signature</b>	
<b>Date</b>	November 15, 2004

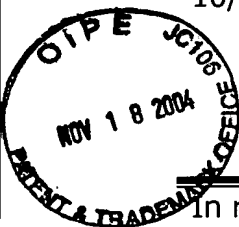
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10/824,270

PATENT



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:

James Thomas Doyle et al.

Appln. No.: 10/824,270

Filed: April 14, 2004

For: MOS TRANSISTOR WITH SERRATED  
GATE STRUCTURES (as amended)

Group Art Unit: 2818

Examiner: Tran, Long K.

RESPONSE TO OFFICIAL ACTION MAILED  
AUGUST 16, 2004

INTRODUCTORY COMMENTS

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Official Action mailed August 16, 2004, please consider the following:

**Listing of the Claims** which begins on page 2 of this paper; and

**Remarks** which begin on page 9 of this paper.

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Dated: November 15, 2004 By: Debra L. King.

RESPONSE TO OFFICE  
ACTION MAILED AUGUST 16, 2004

Attorney Docket No. 100-19410  
(P05247-D01)